

**MAY 20 2005**

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet 1

of 3

**Complete if Known**

|                        |              |
|------------------------|--------------|
| Application Number     | 10/614,626   |
| Filing Date            | July 7, 2003 |
| First Named Inventor   | ZARRO        |
| Art Unit               | 2821         |
| Examiner Name          | HO, Tan      |
| Attorney Docket Number | 7162-0098    |

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS |                       |   |                  |   |   |                |
|--------------------------|-----------------------|---|------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T <sup>o</sup> |
|                          |                       | Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) | MM-DD-YYYY       |   |   |                |
| T.H.                     |                       | JP 2000307362   | 11/02/2000       | MITSUBISHI ELEC                                 | —   |                |
|                          |                       | JP 10/190321  | 07/21/1998       | NEC CORP  | —   |                |
|                          |                       | JP 56-123102  | 09/28/1981       | MITSUBISHI ELEC                                 | —   |                |
|                          |                       | JP 05-211402  | 08/20/1983       | FURUKAWA ELEC                                   | —   |                |
|                          |                       | JP 07-015218  | 01/17/1995       | FUJI ELEC                                       | —   |                |
| T.H.                     |                       | JP 08-154006  | 06/11/1996       | MURATA MFG                                      | —   |                |

**Examiner  
Signature**

Tauho

Date  
Considered

10/28/05

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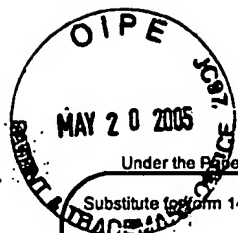
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|                          |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) | MM-DD-YYYY       |   |   |                |
| T.H.                     |                       | WO 01-01453 A2  | 01/04/2001       | SUN MICROSYS                                    | —   |                |
|                          |                       | EP 1 108 533  | 06/20/2001       | KONICA CORP                                     | —   |                |
|                          |                       | EP 0 754 660 A1   | 01/22/1997       | TDK CORP  | —   |                |
|                          |                       | EP 1 089 374 A2   | 04/04/2001       | KABUSHIKI KAISH                                 | —   |                |
| T.H.                     |                       | JP 08 307117  | 11/22/1996       | TASIE   | —   |                |
|                          |                       |   |                  |   |   |                |

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| Examiner<br>Signature | Tay Hu | Date<br>Considered | 10/28/05 |
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| Sheet | 3 | of | 3 |
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## NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
| T.H.               |                       | ITOH, T.; et al: "Metamaterials Structures, Phenomena and Applications" IEEE Transactions on Microwave Theory and Techniques; April, 2005;<br>[Online] Retrieved from the Internet: URL:www.mtt.org/publications/Transactions/CFP_Metamaterials.pdf>            |                |
| T.H.               |                       | KIZILTAS, G.; et al: "Metamaterial design via the density method" IEEE Antennas and Propagation Society Int'l Symposium 2002, vol. 1, 16 June 2002 pp 748-751, Piscataway   |                |
| T.H.               |                       | SALAHUN, E.; et al: "Ferromagnetic composite-based and magnetically-tunable microwave devices" IEEE MTT-S Microwave Symposium Digest, Vol. 2, 2 Jun 2002 pp1185-1188  |                |
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| Examiner Signature | Tan (fr) | Date Considered | 10/28/05 |
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